



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

09/827-447

OCTOBER 01, 2001

PTAS  
ZENITH ELECTRONICS CORPORATION  
ATTN: PATENT DEPARTMENT  
2000 MILLBROOK DRIVE  
LINCOLNSHIRE, IL 60069

RECEIVED

\*101794202A\*

OCT 15 2001

PATENT DEPT.

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/16/2001

REEL/FRAME: 012013/0001  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
BARREYRO, ERNESTO C.

DOC DATE: 04/06/2001

ASSIGNEE:  
FRAHM, TIMOTHY V.

DOC DATE: 04/06/2001

ASSIGNEE:  
WHITE, MICHEAL G.

DOC DATE: 04/06/2001

ASSIGNEE:  
ZENITH ELECTRONICS CORPORATION  
2000 MILLBROOK DRIVE  
ATTENTION: PATENT DEPARTMENT  
LINCOLNSHIRE, ILLINOIS 60069SERIAL NUMBER: 09827447  
PATENT NUMBER:FILING DATE: 04/06/2001  
ISSUE DATE:

TOTAL P.04

012013/0001 PAGE 2

SHARON BROOKS, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

TOTAL P.01

7190

## ASSIGNMENT

In Consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, I:

Ernesto C. Barreyro	of Bartlett, Illinois;
Timothy V. Frahm	of Palatine, Illinois; and
Michael G. White	of Deerfield, Illinois

sell and assign to ZENITH ELECTRONICS CORPORATION, a corporation of Delaware whose principal place of business is located at 2000 Millbrook Drive, Lincolnshire, Illinois 60069, United States of America, its successors and assigns, all right, title, and interest in the United States and throughout the world in and to the improvements in "Digital Television Signal Translator" invented by us, and the application for United States Letters Patent therefor executed concurrently herewith, and any corresponding applications filed anywhere in the world, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents to issue all patents on said improvements or resulting therefrom to said Corporation as assignee of the entire interest, and covenant that I have full right so to do, and agree that I will communicate to said Corporation or its representatives any facts known to us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid said Corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries, and we authorize any of our principal attorneys of record in said application to insert on this assignment the filing date and serial number of said application, when known.

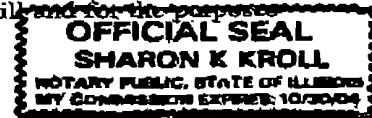
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 6th day of April, 2001.

<u>Ernesto C. Barreyro</u>	L.S. E.C.B.
<u>Timothy V. Frahm</u>	L.S. T.V.F.
<u>Michael G. White</u>	L.S. M.G.W.

STATE of Illinois  
COUNTY of Cook

On this 6th day of April, 2001, before me, a Notary Public in and for the State and County aforesaid, personally appeared Ernesto C. Barreyro, Timothy V. Frahm and Michael G. White to me personally known as the individuals who executed the foregoing assignment, and who acknowledged to me that they executed the same of their own free will and for the purpose therein set forth.

Sharon K Kroll



(SEAL)

The above assignment covers application Serial No. 09/827,447 filed April 6, 2001

Jack Kail  
Registration No. 27,566

Attorney Docket No. 7190

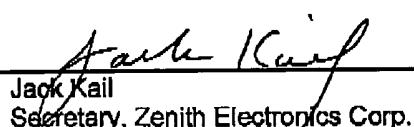
**ASSIGNMENT**

**WHEREAS**, Zenith Electronics Corporation, a Delaware corporation whose post office address is 2000 Millbrook Drive, Lincolnshire, Illinois 60069, hereinafter referred to as assignor, is the owner of all rights to title and interest of U.S. Serial No. 09/827,447 pursuant to an assignment recorded at Reel 012013, Frame 0001;

**WHEREAS**, LG Electronics Inc., a corporation of Korea, hereinafter referred to as "assignee" whose post office address is 20 Yoido-Dong, Youngdungpo-gu, City of Seoul 150-721, Country of Korea is desirous of acquiring the entire right, title and interest in the same;

**NOW, THEREFORE**, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, assignor, by these presents do sell, assign and transfer unto said assignee the entire right, title and interest in said U.S. Serial No. 09/827,447 and in all continuations, divisions, and reissues thereof; the same to be held and enjoyed by the said assignee for his own use and behoof, and for his legal representatives and assigns, to the full end of the term for which any Patent issuing in said U.S. Serial No. 09/827,447 and said continuations, divisions, and reissues thereof, as fully and entirely as the same would have been held by assignor had this assignment and sale not been made.

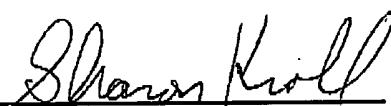
**EXECUTED** this 31<sup>st</sup> day of January 2005, at 2000 Millbrook Drive, Lincolnshire, Illinois.

  
\_\_\_\_\_  
Jack Kail

Secretary, Zenith Electronics Corp.

STATE OF ILLINOIS )  
 ) ss.  
COUNTY OF COOK )

Before me personally appeared said Jack Kail and acknowledged the foregoing instrument to be her free act and deed this 31 day of January 2005.

  
\_\_\_\_\_  
Notary Public